

# Dell Precision™ M6300 Mobile Workstation

**Create, Analyse, Design, Anywhere.  
Engineered for Maximum Performance.**



## Exceptional Engineering Design, Analysis and Content Creation

Develop richly textured, realistic CAD models, view large designs and multi-part assemblies or create stunning 3D animations on our top of the line mobile workstation that boasts ultra-high performance graphics, a bright 17" display and high speed DDR2 memory. From the design lab to the studio or shop floor, or anywhere in between, the Dell Precision M6300 provides outstanding workstation performance in a true mobile platform to enable you to run complex applications reliably.

## Professional Workstation Technologies Deliver Great Performance

The Dell Precision M6300 features powerful 64-bit Intel® Core™ 2 Duo processors. This revolutionary new mobile workstation is designed for users who prioritise their visual experience and want a mobile platform as a primary workstation.

The Dell Precision M6300 also features NVIDIA® Quadro® FX OpenGL® graphics including the new Quadro FX 1600M, enabling you to take your graphics to the next level of interactivity. These professional graphics cards can deliver unprecedented performance for accelerated workflow and shortened design cycles for CAD, digital content creation, and scientific visualisation.

Dell Precision mobile workstations, like all Dell notebooks, are built tough – with features like Mag-Alloy casings and a high degree of durability that you can rely on, day in and day out. In addition, the Dell Precision M6300 features a high degree of connectivity through Wi-Fi® and Bluetooth® options to help ensure that you can get connected when you need to. Ironclad security features such as our optional fingerprint reader help ensure you can work with peace-of-mind.

## Work with Confidence

Dell partners with leading Independent Software Vendors (ISVs) to certify system and application compatibility so that your applications can run gracefully on Dell Precision workstations. Through rigorous testing, Dell also targets flawless compatibility and optimised performance in demanding work environments such as computer aided design and engineering, digital content creation and urban planning, which helps make the M6300 a viable platform for use as a primary workstation.



Dell Precision™ M6300 Mobile Workstation

**GET MORE PERFORMANCE AND MOBILITY. GET MORE OUT OF MORE.**





# Dell Precision™ M6300 Mobile Workstation

## Penang, Malaysia

Dell Asia Pacific Sdn. - Asia Pacific Customer Centre  
Plot P27 Bayan Lepas Industrial Zone  
Phase IV, 11900 Bayan Lepas  
Penang, Malaysia

## Australia

Dell Australia Pty. Ltd.  
Unit 3, 14 Aquatic Drive  
Frenchs Forest, NSW 2086  
Australia

## Hong Kong

Dell Hong Kong Ltd.  
1001 Stanhope House  
734 - 738 King's Road  
Quarry Bay, Hong Kong

## India

Dell India Private Limited  
Divyashree Greens, Ground Floor  
S. No.12/1, 12/2A, 13/1A (Ground Floor)  
Varthur-Hobli  
Bangalore 560071, India

## Malaysia

Dell Asia Pacific Sdn.  
Prima Avenue, Block 3512  
Jalan Teknokrat 6  
63000 Cyberjaya  
Selangor Darul Ehsan, Malaysia

## New Zealand

Dell New Zealand Limited  
Unit 1A, Pacific Office Park  
4, Pacific Rise, Mount Wellington  
Auckland, New Zealand

## Singapore

Dell GLOBAL B.V. - Singapore Branch  
Co. Reg. No. 198905101W  
180 Clemenceau Avenue #06-01  
Haw Par Centre, Singapore 239922

## Taiwan

Dell B.V. Taiwan Branch  
20F, No. 218, Sec. 2, Tung Hwa S. Road  
Taipei, Taiwan, R.O.C.

## Thailand

Dell Corporation (Thailand) Co. Ltd.  
24th Floor Unit 2407, Empire Tower III  
195 South Sathorn Road, Yannawa Sathorn  
Bangkok 10120 Thailand

## SYSTEM

<b>Processors</b>	64-bit Intel® Core™ 2 Duo processors (dual-core), and Intel Core 2 Duo Extreme edition processors Up to 4MB L2 Cache, 800MHz Front Side Bus Up to X7900 (2.8GHz speed) Extreme Edition
<b>Operating Systems</b>	Genuine Windows Vista™ Ultimate (32-bit and 64 bit); Genuine Windows Vista™ Business (32-bit and 64-bit); Genuine Windows® XP Professional SP2 (32-bit and 64-bit); N series RedHat Linux 5.1 (available Nov.)
<b>Chipset</b>	Intel® 965PM Express chipset
<b>Memory</b>	Up to 4GB of DDR2 dual-channel memory DIMMs up to 2GB at 667MHz
<b>Wide Aspect Displays</b>	17" wide aspect ratio displays (anti-glare) - Dell UltraSharp™ WUXGA (1920 X 1200 resolution) - Dell UltraSharp WXGA+ (1440 X 900 resolution)
<b>OpenGL Graphics</b>	NVIDIA Quadro® FX 1600M with 512MB TurboCache (256MB dedicated, up to an additional 256MB shared)
<b>Hard Drives</b>	Serial ATA up to 200GB at 7200RPM; 32GB SSD
<b>Dimensions (HxWxD)</b>	41 mm x 394 mm x 287 mm
<b>Weight</b>	3.8kg starting weight with 9-cell battery, 17" WXGA+ display and DVD-ROM drive

## POWER

<b>Power Supply</b>	130 Watt AC adapter with cord wrapping
<b>Batteries</b>	9-cell/85 Whr Smart Li-Ion battery featuring ExpressCharge™

## CONNECTIVITY

<b>Wired</b>	56K v.92 Internal Modem; 10/100/1000 Gigabit Ethernet network interface adaptor
<b>Wireless LAN</b>	Dell 1505 Wireless 802.11a/g/Draft-n Dell 1490 Wireless 802.11a/g Dell 1390 Wireless 802.11b/g Intel® 4965 Pro/Wireless 802.11 a/g Draft-n Intel® 3945 Pro/Wireless 802.11 a/g
<b>Bluetooth</b>	Dell Wireless 360 Bluetooth®, Bluetooth 2.0+EDR

## EXPANDABILITY

<b>ExpressCard</b>	54mm Express Card Slot; supports both 54mm and 34mm Express Cards
<b>Card Reader</b>	One Type I or Type II
<b>I/O Ports</b>	6 USB, DVI, VGA, S-video, IEEE 1394, RJ-11, RJ-45, 5-in-1 media card reader, headphone/speaker out
<b>Docking</b>	D/Port, D/Dock, D/Monitor Stand
<b>Modular Options</b>	Fixed Optical 24X CD-ROM, 8X DVD-ROM, 24X CD-RW/DVD, 8X DVD+/-RW

## SECURITY

<b>Physical Security</b>	Steel-reinforced Cable Lock Slots, Media Module and Hard Drive locks
<b>User &amp; System Security</b>	Integrated Smart Card Reader, Trusted Platform Module 1.2 and optional UPEK finger print reader, Wave® Embassy® Trust Suite security software.
<b>Network Security</b>	802.11 WiFi Protected Access (WPA), 802.11i (WPA2), Virtual Private Networks (VPN) and 802.1x with EAP modes, CCX V4.0

## MANAGEABILITY

<b>Dell OpenManage™</b>	Helps reduce the total cost of ownership by enabling IT departments to manage and support networked systems. OpenManage enables software deployment and migration, hardware configuration and system health, asset management and remote support. For more information visit: <a href="http://www.dell.com/openmanage">www.dell.com/openmanage</a>
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## SERVICE & SUPPORT

<b>Service &amp; Support</b>	3-year Limited Warranty with Next Business Day On-Site Service. Service options vary by location.
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